

Find each quotient.

13. $\frac{a^2}{b^2} \div \frac{a}{b^3}$

15. $\frac{4x^3}{y^4} \div \frac{8x^2}{y^2}$

17. $\frac{x^2y^3z}{s^2t^2} \div \frac{x^2yz^3}{s^3t^2}$

19. $\frac{b^2 - 9}{4b} \div (b - 3)$

21. $\frac{3k}{k + 1} \div (k - 2)$

23. $\frac{3x + 12}{4x - 18} \div \frac{2x + 8}{x + 4}$

14. $\frac{n^4}{p^2} \div \frac{n^2}{p^3}$

16. $\frac{10m^2}{7n^2} \div \frac{25m^4}{14n^3}$

18. $\frac{a^4bc^3}{g^2h^3} \div \frac{ab^2c^2}{g^3h^3}$

20. $\frac{m^2 - 16}{5m} \div (m + 4)$

22. $\frac{5d}{d - 3} \div (d + 1)$

24. $\frac{4a - 8}{2a - 6} \div \frac{2a - 4}{a - 4}$

Find each quotient.

$$31. \frac{x^2 + 2x + 1}{2} \div \frac{x + 1}{x - 1}$$

$$33. \frac{a^2 + 8a + 16}{a^2 - 6a + 9} \div \frac{2a + 8}{3a - 9}$$

$$35. \frac{x^2 + x - 2}{x^2 + 5x + 6} \div \frac{x^2 + 2x - 3}{x^2 + 7x + 12}$$

$$32. \frac{n^2 + 3n + 2}{4} \div \frac{n + 1}{n + 2}$$

$$34. \frac{b + 2}{b^2 + 4b + 4} \div \frac{2b + 4}{b + 4}$$

$$36. \frac{x^2 + 2x - 15}{x^2 - x - 30} \div \frac{x^2 - 3x - 18}{x^2 - 2x - 24}$$